

101.4 High Alloy Steels (chip form) [150-g units (unless otherwise noted)]

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Values in parentheses are not certified and are given for information only.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

		Elemental Composition (mass fraction, in %)																
SRM	Description	C	Mn	P	S	Si	Cu	Ni	Cr	V	Mo	Co	Ti	Al (total)	Nb	Ta	B	Fe
Comb																		
126c	High Nickel (36% Ni)	0.025	0.468	0.004	0.005	0.194	0.040	36.05	0.062	0.001	0.011	0.008						
344	Cr-Ni (Mo Precipitation Hardening)	0.069	0.57	0.018	0.019	0.395	0.106	7.28	14.95	0.040	2.40		0.076	1.16				
345a	Cr-Ni (Cu Precipitation Hardening)	0.040	0.79	0.024	0.012	0.61	3.39	4.27	15.52	0.080	0.43	0.099	(<0.01)	(<0.01)	0.27	(<0.01)	(<0.001)	N 0.031
346a	Valve Steel	0.502	9.16	0.031	0.002	0.219	0.375	3.43	21.08	0.096	0.237	(0.05)	(<0.001)	(0.001)	(0.01)	Sn (0.008)	(<0.001)	N 0.442
348a	High Temperature Alloy (A286) Ni-Cr	0.044	0.64	0.023	0.0007	0.43	0.14	24.2	14.8	0.23	1.18	0.15	2.12	0.24	(0.07)	W (0.07)	0.0055	(55.2)
862	High Temperature Alloy L605 (100 g)	0.120	1.59	0.002	0.0008	0.017	0.0010	9.74	20.0	0.005	N 0.026	51.5	W 15.1	(<0.01)	(<0.005)	(<0.01)	(<0.0001)	1.80
868	High Temperature Alloy Fe-Ni-Co (100 g)	0.022	0.052	<0.003	0.0025	0.097	0.022	37.78	0.077	0.077	0.014	16.1	1.48	0.99	2.99	0.003	0.0078	40.5